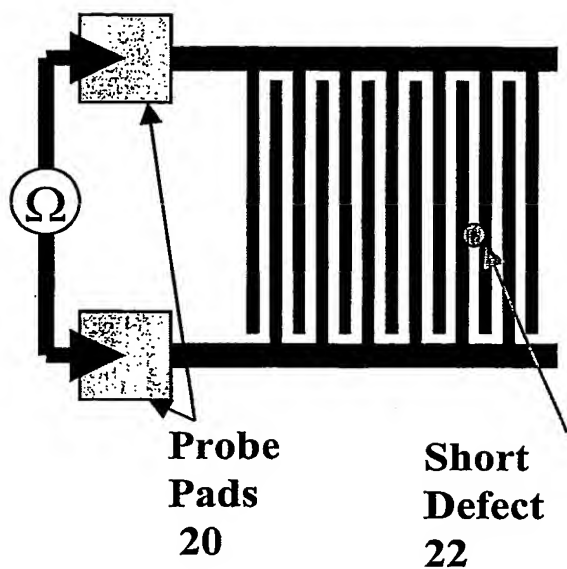
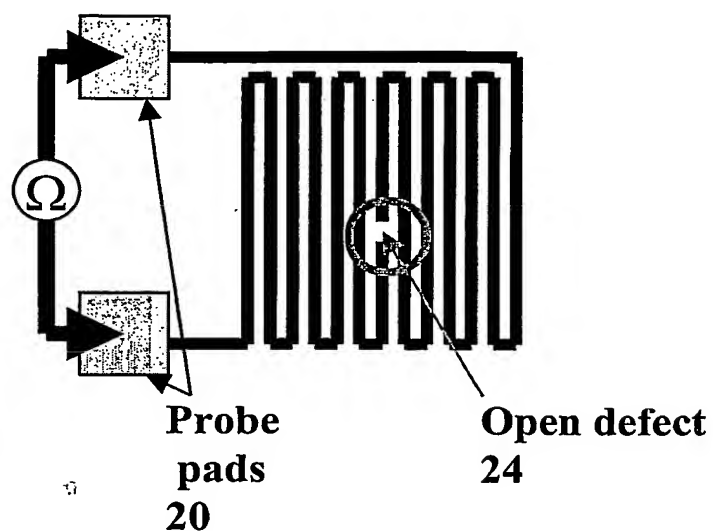


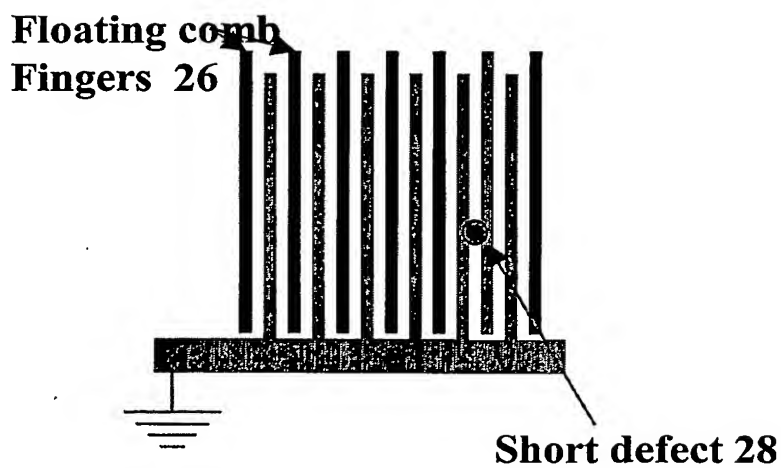
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10  
FIG. 1A



11  
FIG. 1B



12  
FIG. 1C

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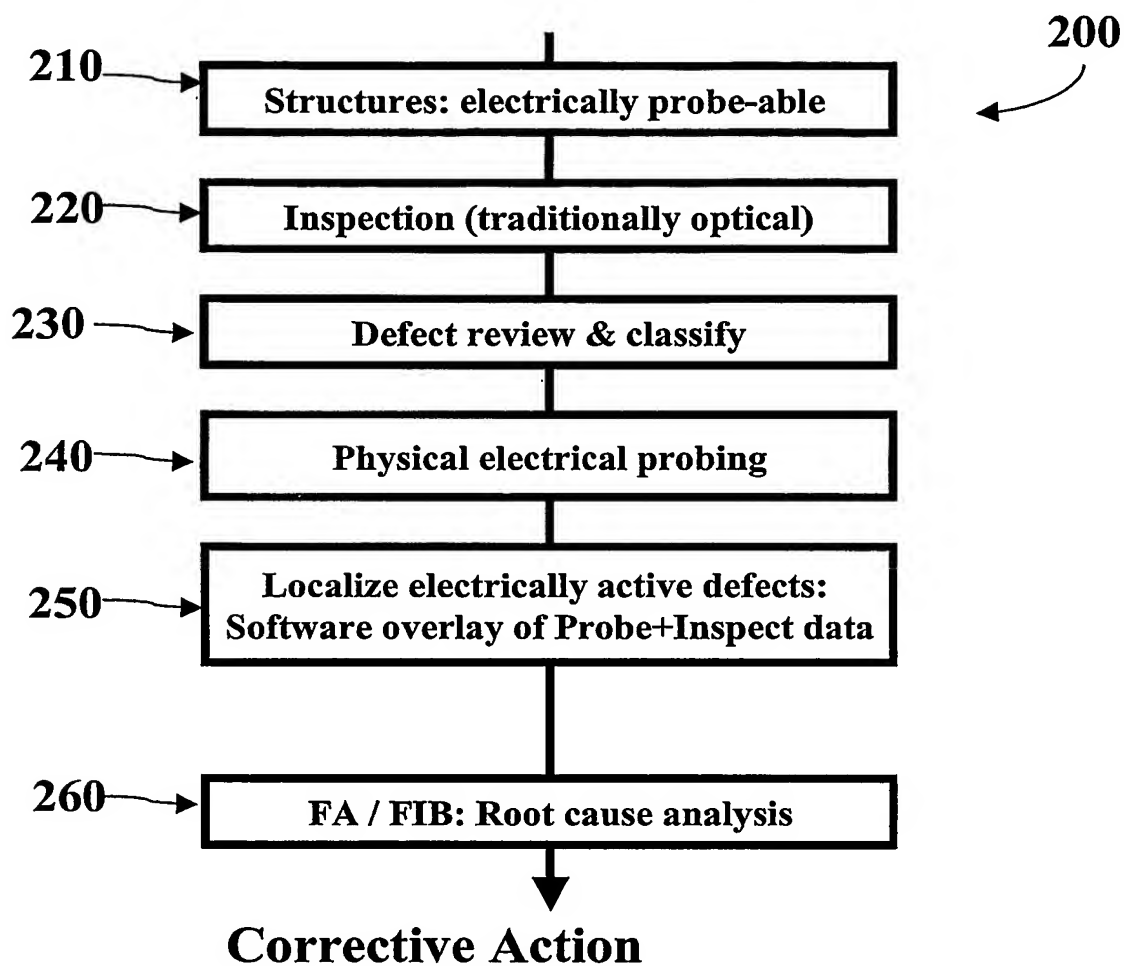
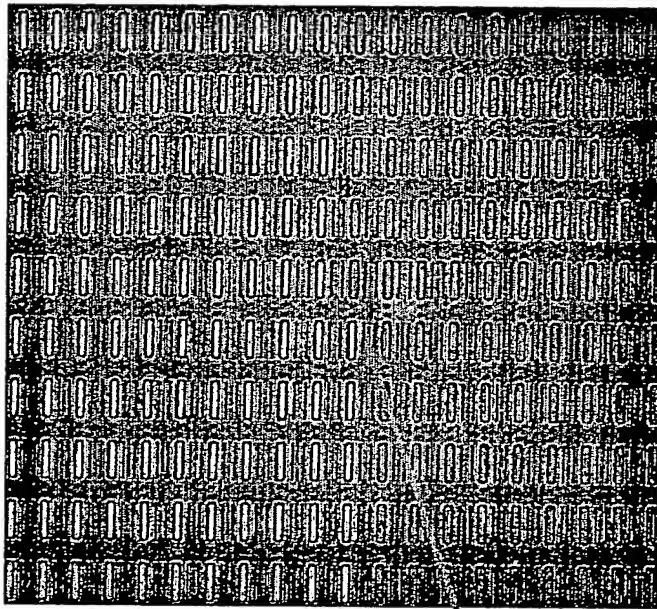
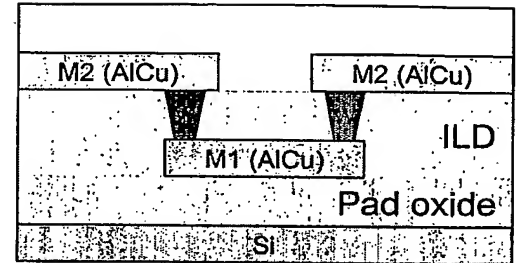
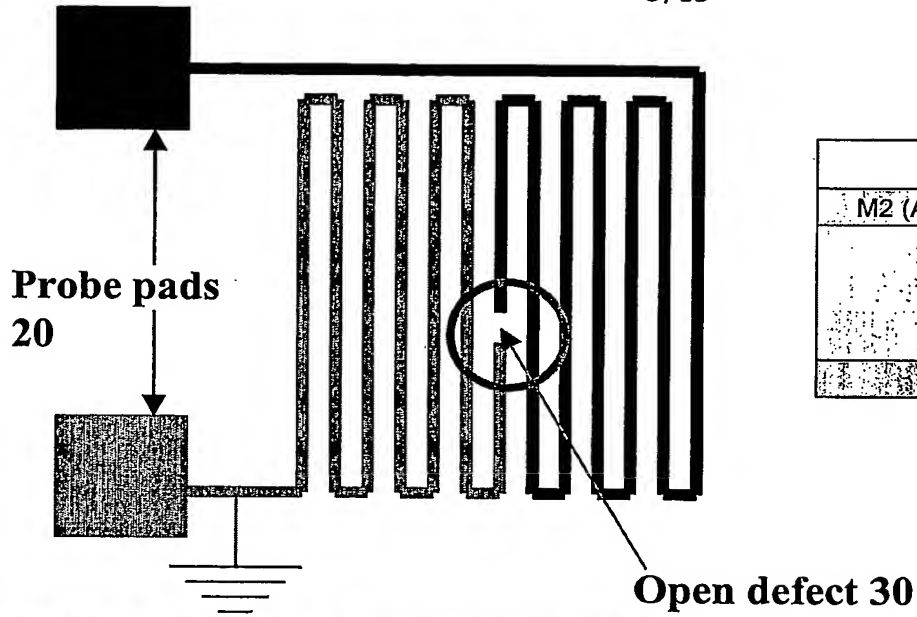
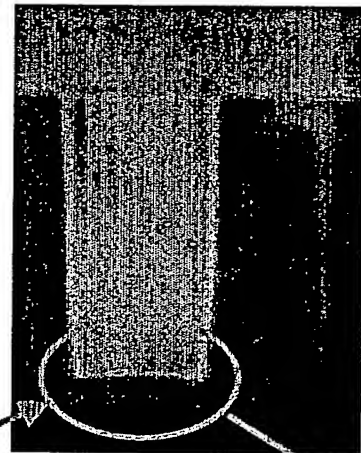


FIG. 2A

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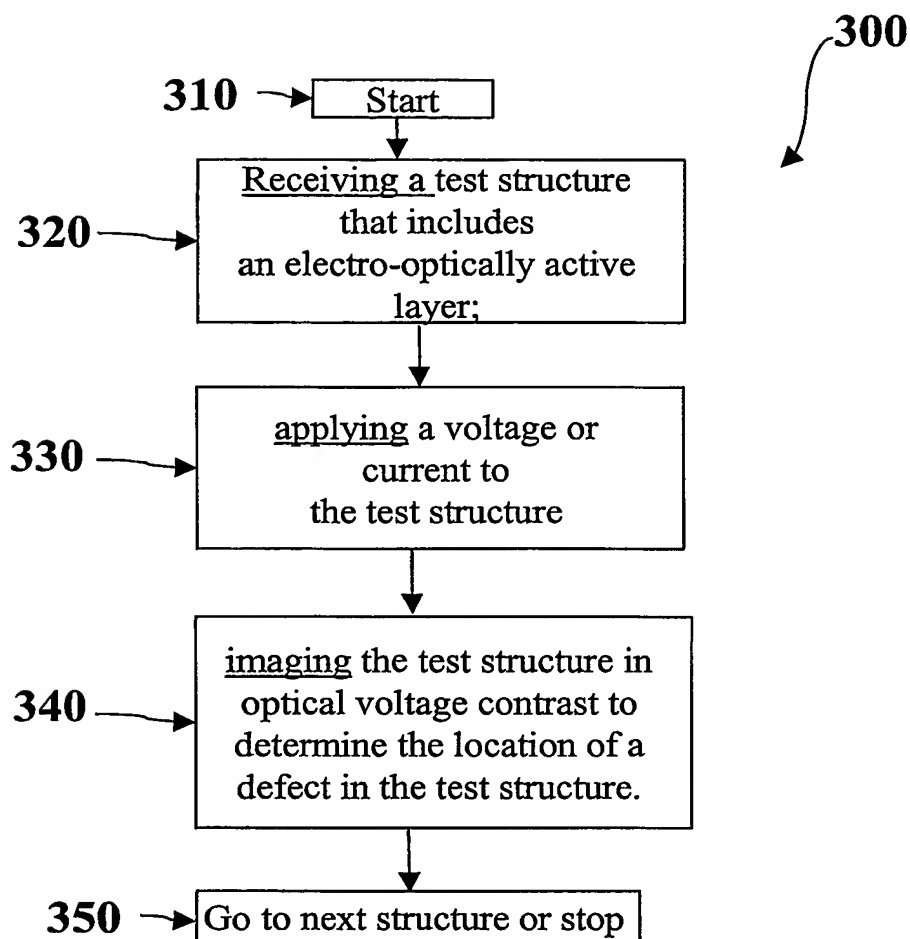


Subsurface open defect  
(optically undetectable)  
30



Disconnected Plug

FIG. 2B

**FIG. 3A**

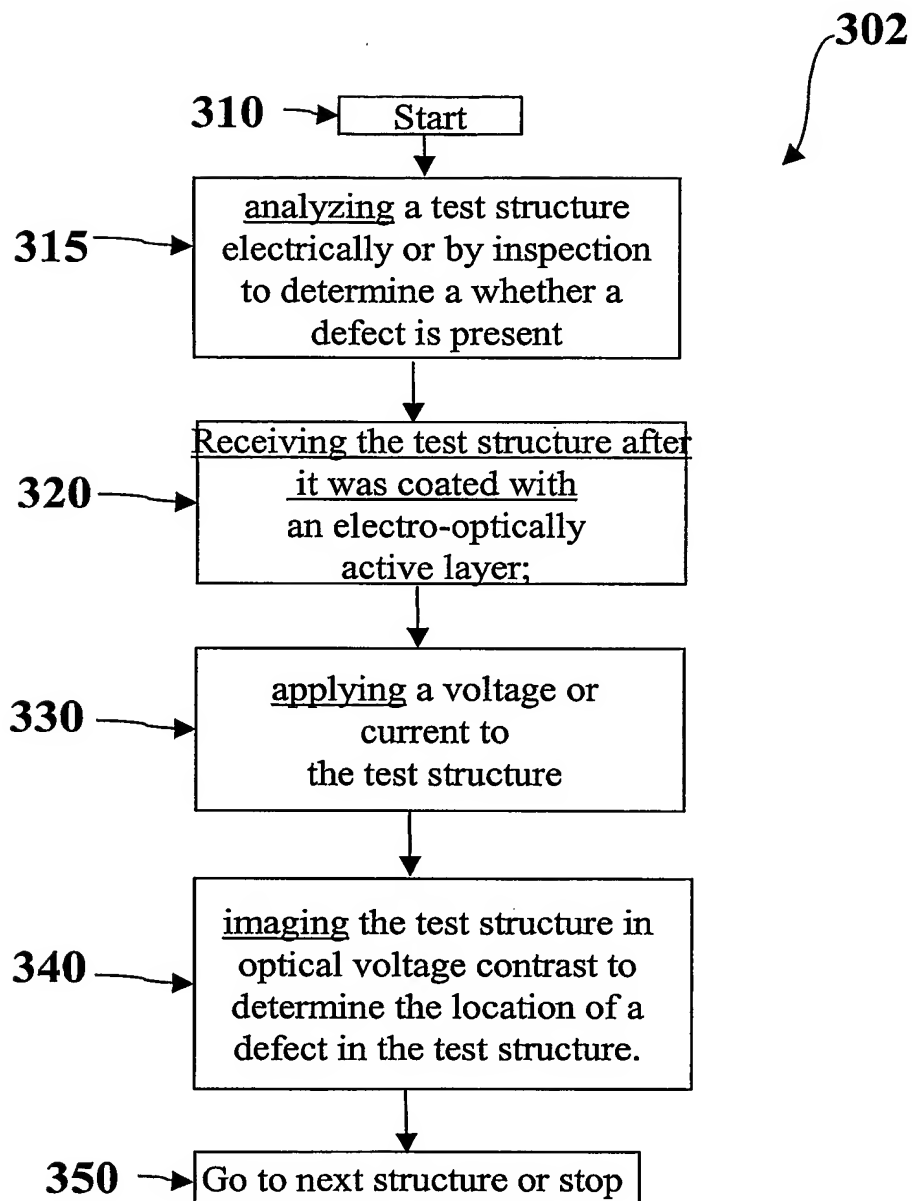


FIG. 3B

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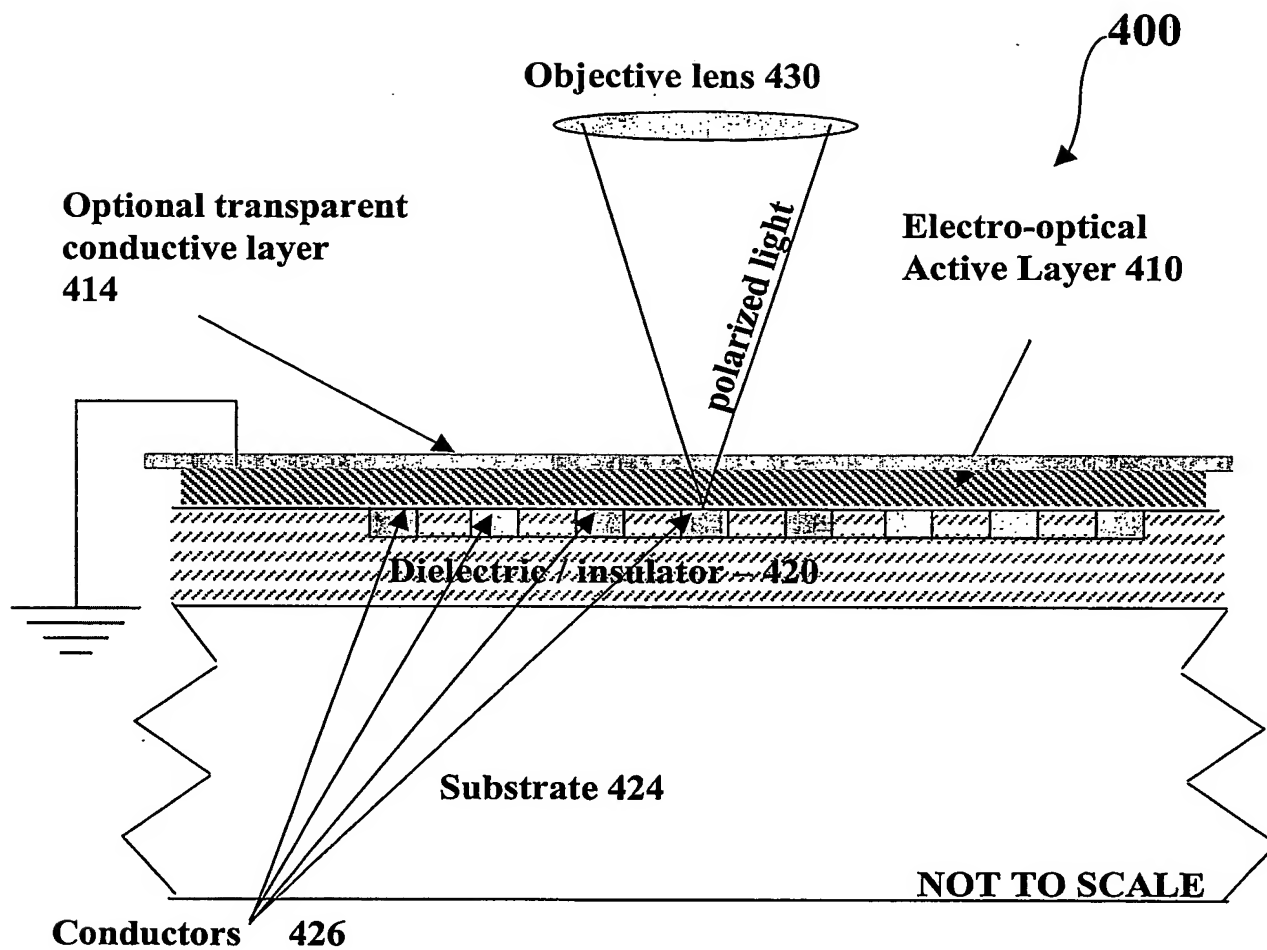


FIG. 4A

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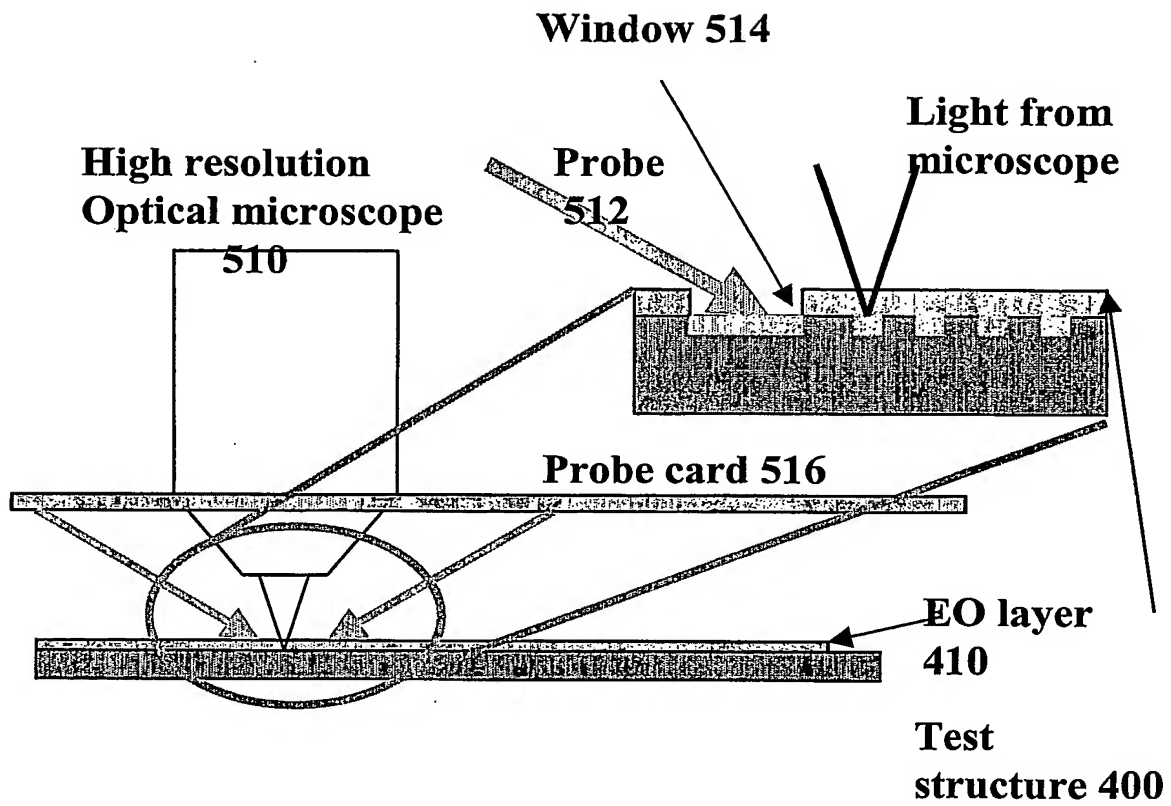
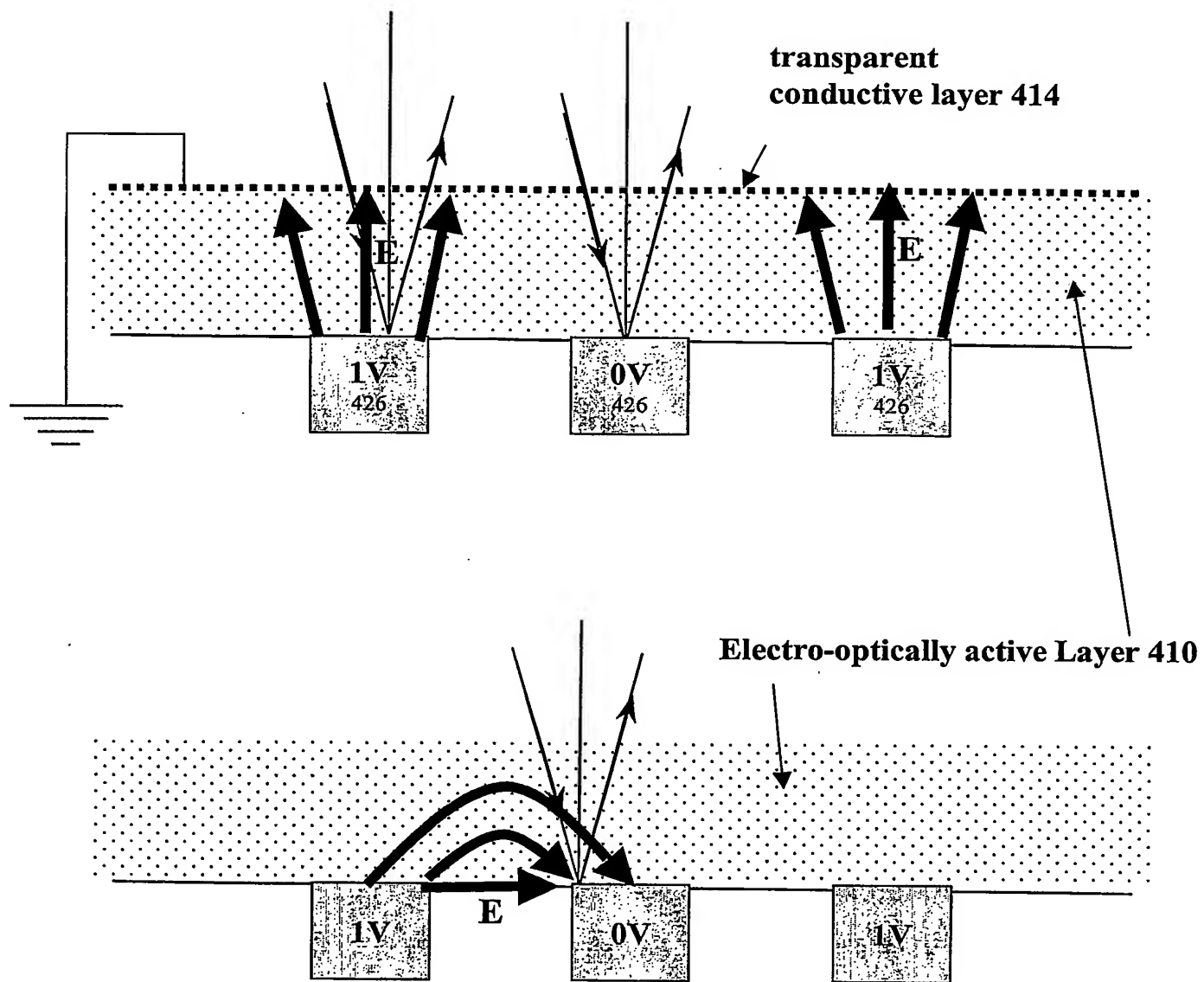


FIG. 4B

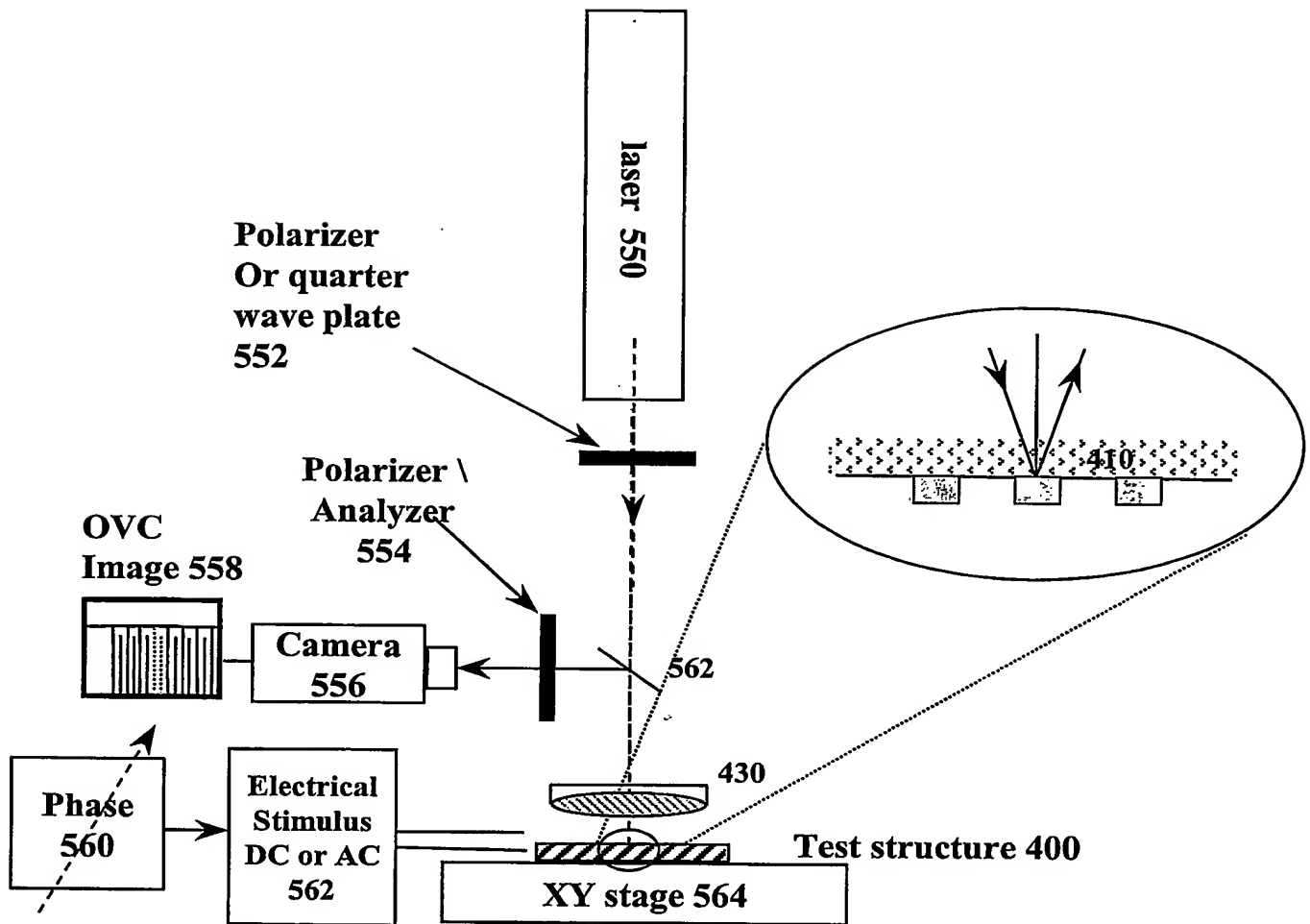
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Without transparent conductive layer on top to increase  $E$  field strength.

Fig 4C.

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500  
FIG. 5A.

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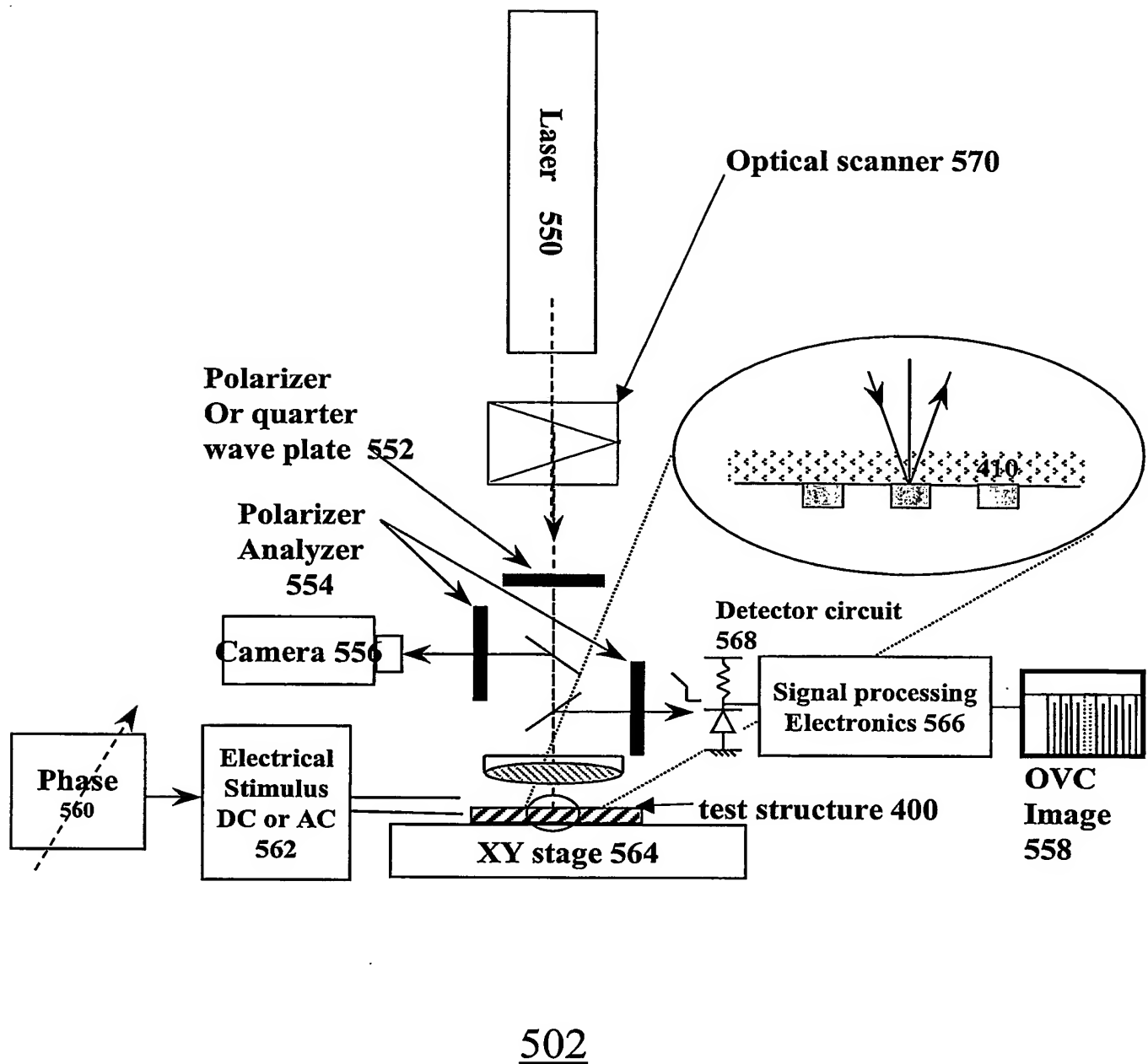


FIG. 5B

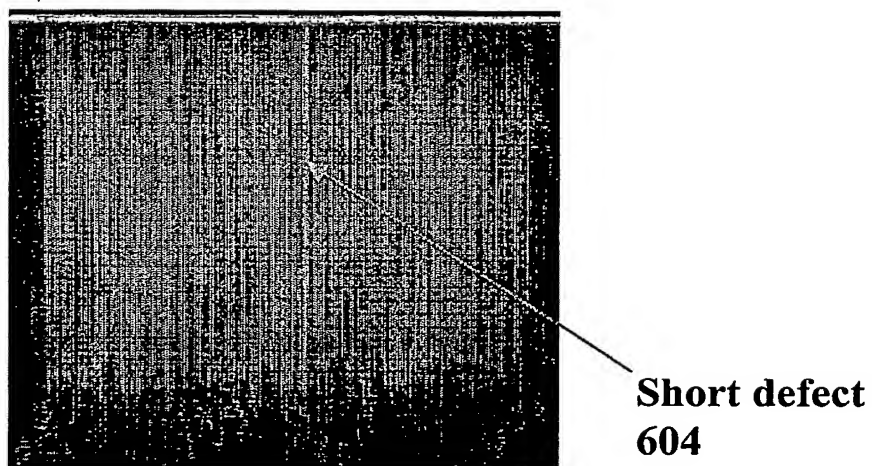


FIG 6A.

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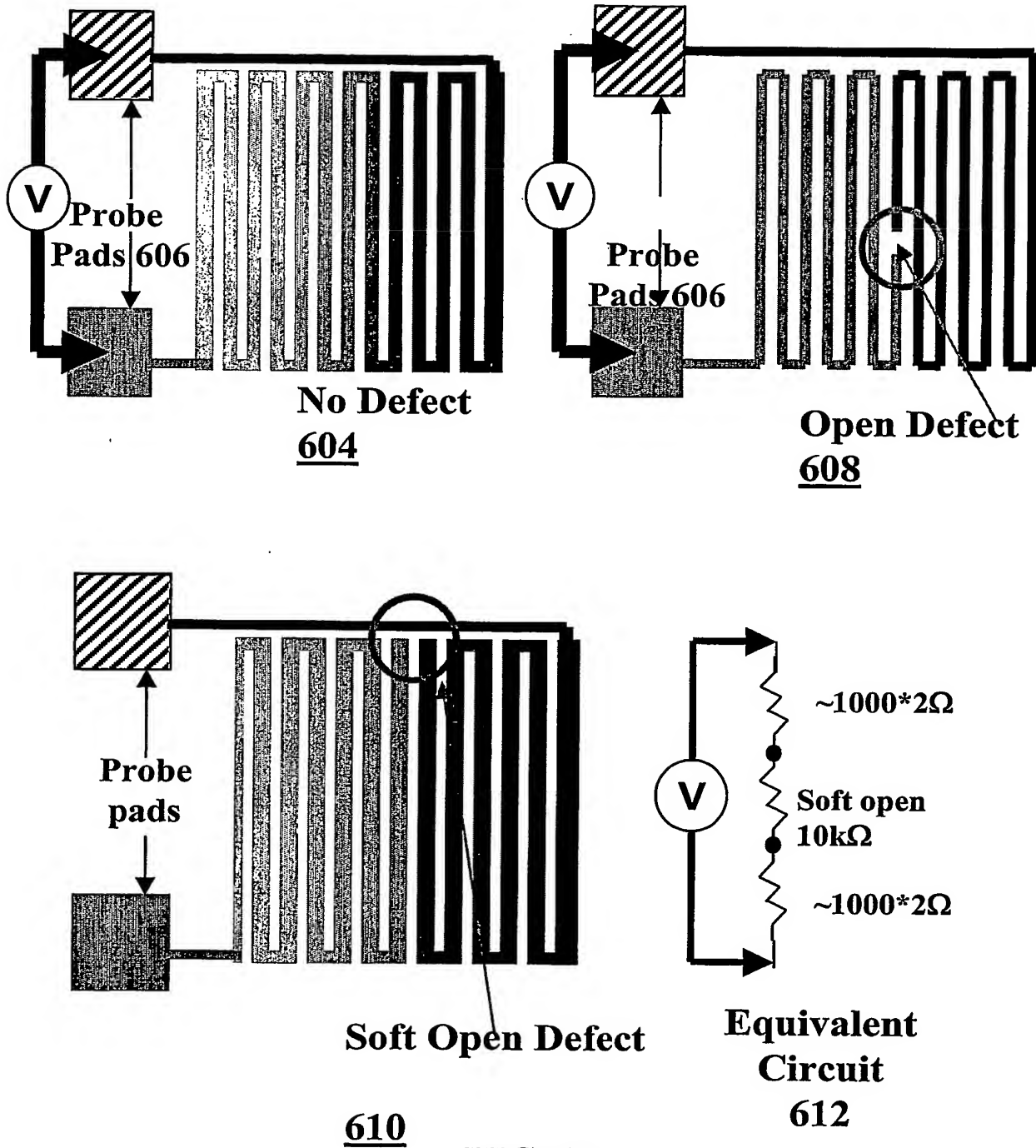


FIG 6B.

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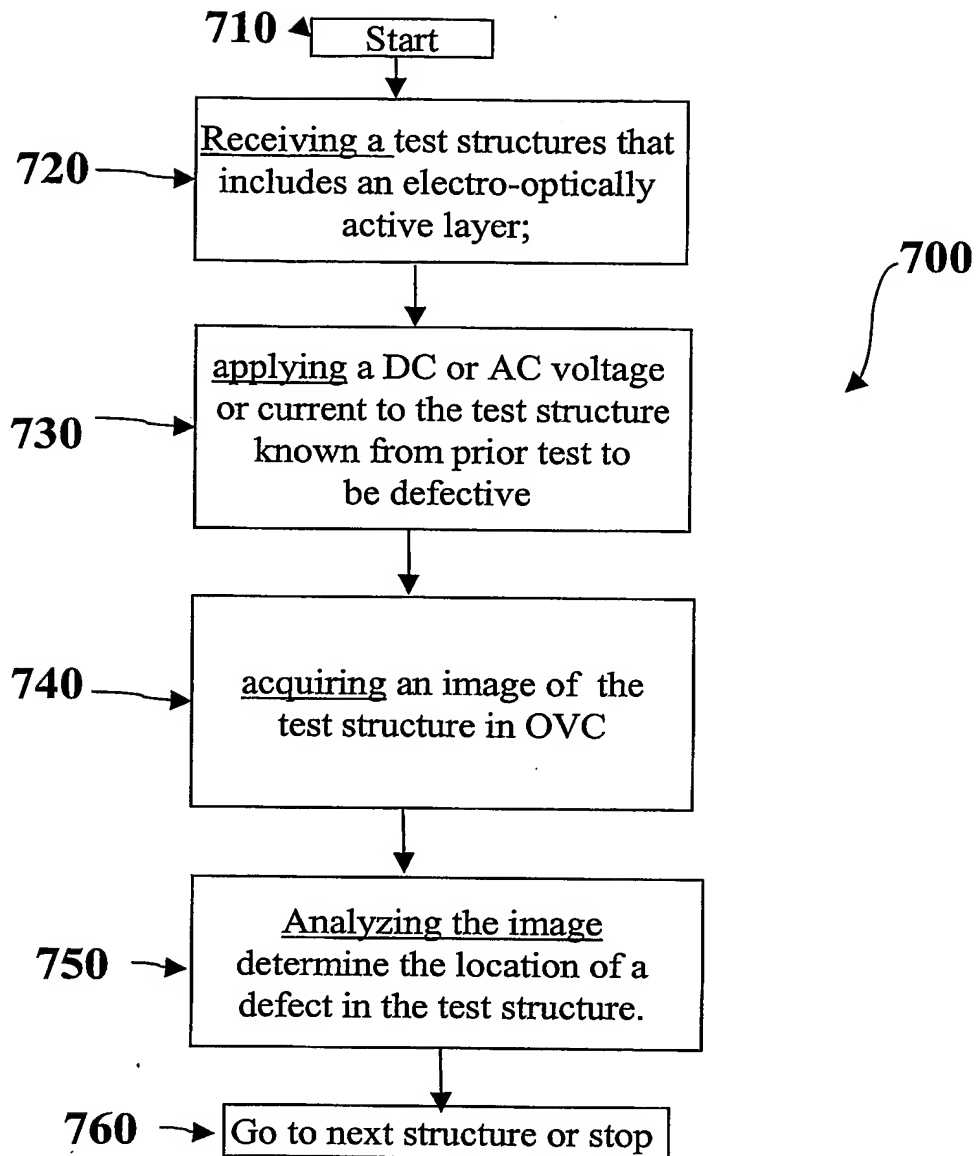


FIG. 7

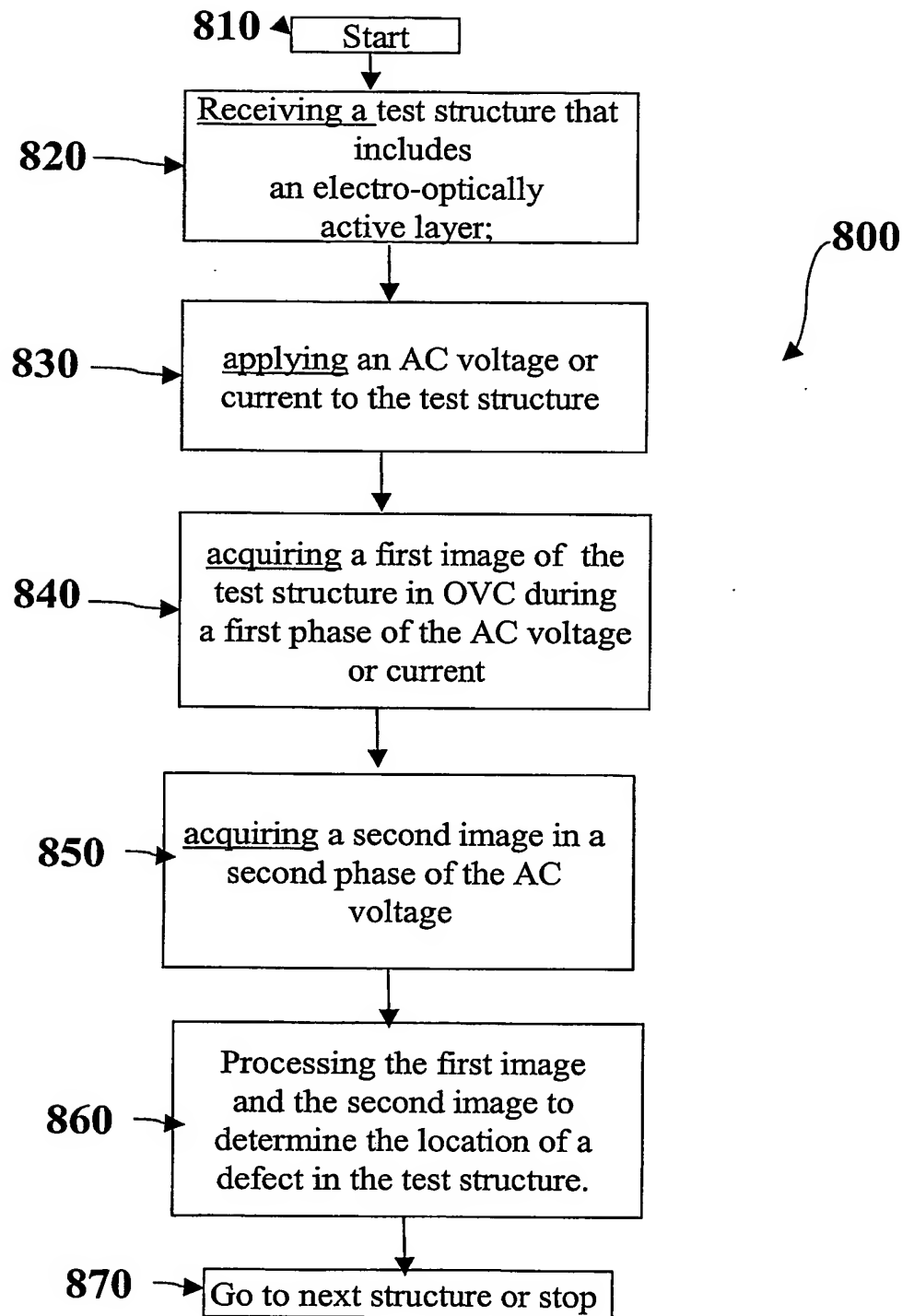


FIG. 8

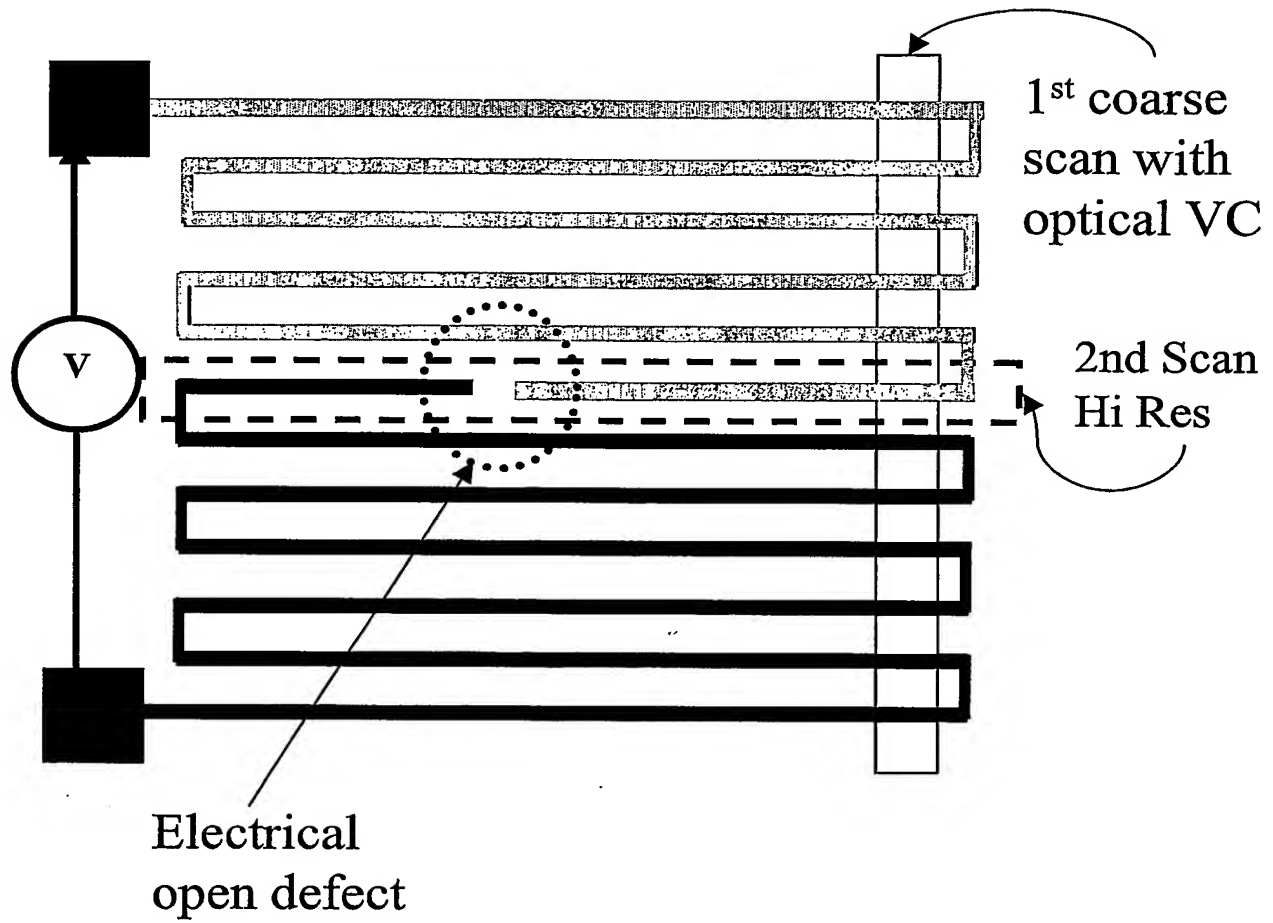


FIG. 9

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